

CREATIVE

User's Guide



NOMAD® **MuVo²**

User's Guide

Creative NOMAD MuVo²

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Introduction

Introduction

Thank you for choosing Creative NOMAD MuVo^{TM2}. Note that the name of this product may vary from country to country.

Package Contents

- Creative NOMAD MuVo² player
- Power adapter
- Rechargeable Lithium-Ion battery
- USB 2.0 cable
- Headphones
- Protective case, or Sports Case and Armband*
- Installation CD
- Quick Start booklet

Minimum System Requirements

- Microsoft[®] Windows[®] 98 Second Edition (SE), Windows 2000, Windows Millennium Edition (Me) or Windows XP
- Intel[®] Pentium[®] II 233 MHz, or AMD-K6[®]-2 266 MHz
- 32 MB RAM
- 30 MB available hard disk space
- CD-ROM/DVD-ROM drive
- USB port (USB 2.0 port recommended for faster transfer speeds)
- Internet access for Music Service Provider support (optional)

* The Sports Case and Armband are supplied with 512 MB Creative NOMAD MuVo² players only.

Product Registration

Enjoy a host of benefits by registering your product during installation, or at www.creative.com/register. Benefits include:

- Service and product support from Creative
- Exclusive updates on promotions and events

Technical Support and Warranty

Technical Support information can be found on the Installation CD.
Go to **d:\Support\<Language>\Support.pdf**

Warranty information can be found on the Installation CD as well.
Go to **d:\Warranty\<Region>\<Language>\Warranty.pdf**

(replace **d:** with the drive letter of your CD-ROM/DVD-ROM drive, **<Region>** with the region that you are in and **<Language>** with the language that the document is in)

Please keep your Proof of Purchase for the duration of the Warranty period.

Online Updates

Visit www.NOMADworld.com for the latest updates on:

- Firmware
- Software
- Documentation
- NOMAD accessories

Optional Accessory



You may need to download firmware that lets you use your player with the Creative FM Wire Remote. Visit www.NOMADworld.com for more details.

The Creative FM Wired Remote (available separately) lets you access the controls of your player without having to take the player out of your bag. In addition, the FM Tuner stores up to 32 preset FM channels, and the built-in microphone lets you make voice recordings.



Document Conventions

This User's Guide uses the following icons to highlight useful or urgent information.



Tip. This tells you about short cuts or hints relating to a feature.



Note. This highlights additional or important information about a feature.



Caution! This highlights proper usage of your product. Use this information to avoid risky situations.



Warning! This warns you of possible hazards to yourself or your product, that may result in injury or damage.

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1

Your Player At A Glance

Your Player At A Glance

Front View

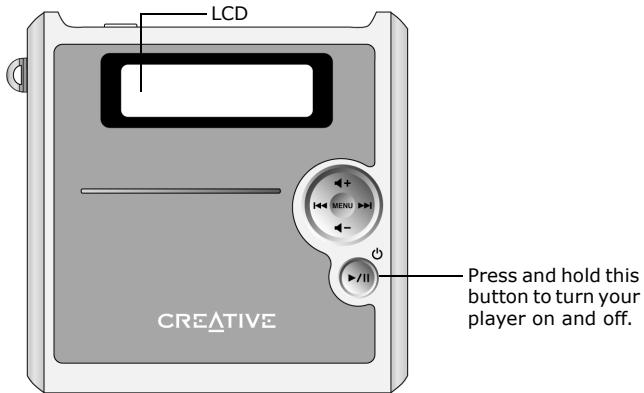


Figure 1-1

▶/II Press and hold to turn your player on and off.
Press once to start playing tracks, and press again to pause playback.

MENU Press to display Menu options on the LCD. Press again to select a Menu option.

◀◀▶▶ Press ▶▶ to skip to the next track, and press and hold to skip ahead within track. Press ▶▶ to skip to the previous track, and press and hold to skip back within a track.
Press ▶▶ and ▶▶ to browse Menu options on the LCD.

◀+ ▶- Press ▶+ to increase or ▶- to decrease the volume.

Side View



For your safety and the safety of others, do not use headphones while driving or cycling.



You may need to download firmware that lets you use your player with the Creative FM Wire Remote. Visit www.NOMADworld.com for more details.



Figure 1-2



Connects to a power outlet using the supplied power adapter.



Connects to your computer's USB port using the supplied USB cable.



Connects to headphones, or the Creative FM Wired Remote (available separately).

Using the Sports Case and Armband

The Sports Case and Armband are supplied with 512 MB Creative NOMAD MuVo² players only.

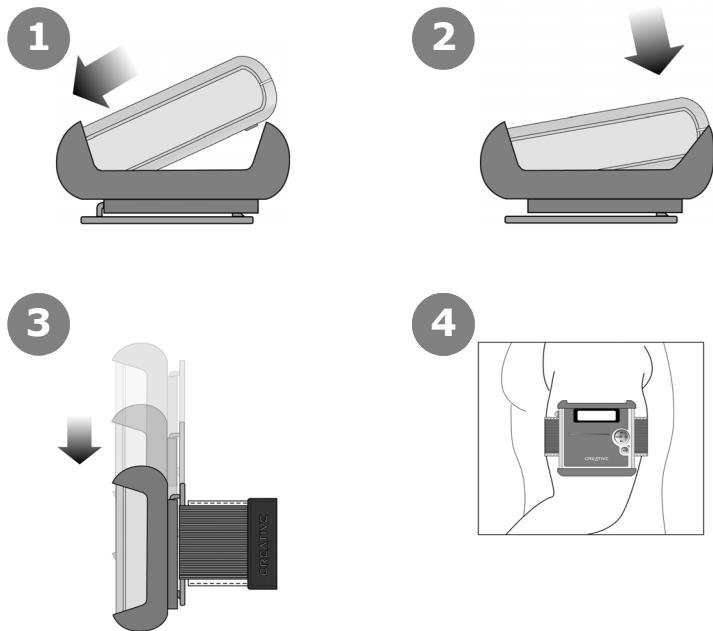


Figure 1-3

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2

Getting Started

Getting Started

Step 1: Charge Battery

1. Insert the supplied battery into your player.



Figure 2-1

2. Connect your player to a power outlet using the supplied power adapter.  will appear on your player's LCD.

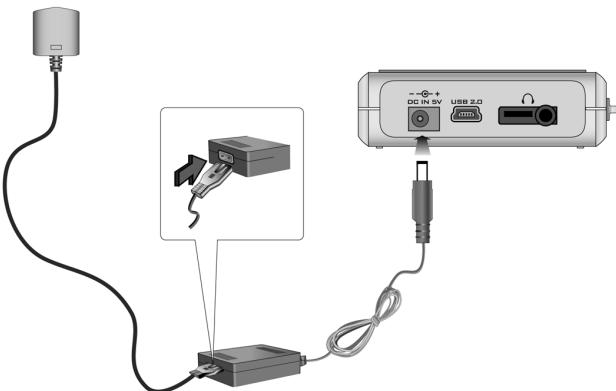


Figure 2-2

3. Charge the battery until  appears on your player's LCD. Charging your battery for the first time will take about 3 hours.

Step 2: Install Software

DO NOT connect your player to your computer before installing the software.

1. Insert the Installation CD into your CD-ROM/DVD-ROM drive.
The disc supports Windows Autoplay mode and starts running automatically. If not, you need to enable the Windows auto-insert notification feature for your CD-ROM/DVD-ROM drive. For more details, see "Installation" on page C-1.
2. Follow the instructions on the screen to complete the installation.
Creative MediaSource™ and Windows 98 SE drivers (only if applicable) will be installed on your computer.
3. When prompted, restart your computer.

Step 3: Transfer Songs



Your computer's USB port may be located on the front panel.

1. Connect your player to your computer's USB port using the supplied USB cable.

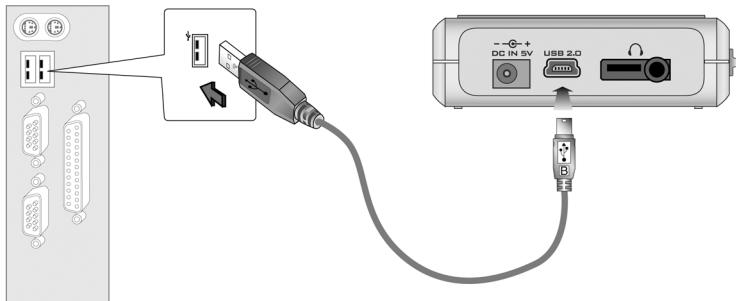


Figure 2-3

2. Launch Windows Explorer on your computer. Your player is recognised as a Removable Disk in Windows Explorer.
3. Transfer MP3 or WMA files to your player using a drag-and-drop operation.

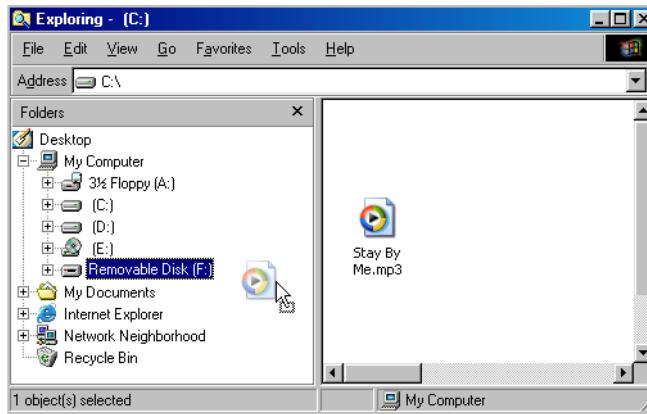


Figure 2-4

4. After the transfer is complete, make sure you stop your player before disconnecting it from your computer.

To stop your player in Windows 98 SE

- ▶ In Windows Explorer, right-click the **Removable Disk** icon, click the **Eject** option, and disconnect your player when you are prompted to do so.

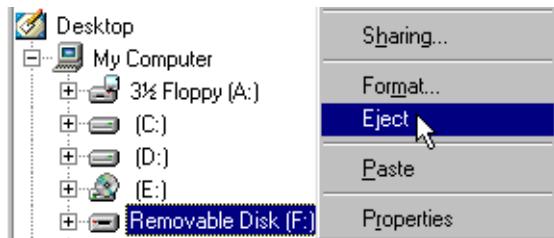


Figure 2-5

To stop your player in Windows 2000, Windows Me or Windows XP

- ▶ Click the **Safely Remove Hardware** icon  on the Taskbar, click **Safely remove USB Mass Storage Device**, and disconnect your player when you are prompted to do so.



Figure 2-6

5. For more advanced song management tasks, such as creating and managing playlists, you can use Creative MediaSource Organiser. Creative MediaSource Player/Organiser is your digital music center for playing, creating, organizing and transferring digital music. To launch Creative MediaSource Player/Organiser, double-click the **Creative MediaSource Player/Organiser** icon (Figure 2-7) on your desktop.



Figure 2-7

For more information about using Windows Explorer, refer to its online Help.

For more information about using Creative MediaSource, refer to its online Help.

For more information about transferring songs, see "Transferring Files" on page 3-1.

Step 4: Play Songs



Remember to set the volume at a moderate level. Listening to music at high volumes can impair your hearing.

1. Press and hold ▶/II until your player turns on.
2. Press ▶/II to start playing the songs that you transferred to your player.
3. Press ▶+ to increase or ▶- to decrease the volume.
4. After you have finished using your player, press and hold ▶/II until your player turns off.



3

Using Your Player

Using Your Player

Transferring Files



You can use your player as a portable storage device to store any data type, from documents to presentations and photos.

You can use either Windows Explorer or Creative MediaSource Organiser to transfer files from your computer to your player. Only MP3 and WMA files, however, can be viewed and played back on your player. For more information about music files, see "About Music Files" on page B-1.

Note: If you are using Windows 98 SE, you will need to install the Windows 98 SE drivers from the Installation CD before you can transfer files. For instructions on installing these drivers, see "Step 2: Install Software" on page 2-2.

Using Windows Explorer



For more information about using Windows Explorer, refer to its online Help.

1. Connect your player to your computer's USB port using the supplied USB cable.
2. Launch Windows Explorer on your computer. Your player is recognised as a Removable Disk in Windows Explorer.
3. Transfer files to your player using a drag-and-drop operation.
4. After the transfer is complete, make sure you stop your player before disconnecting it from your computer. See "Usage" on page C-2 for instructions on stopping your player.

Using Creative MediaSource Organiser



Creative MediaSource Organiser also lets you create and manage playlists in your player. See "Creating and Managing Playlists" on page 3-6.

1. Connect your player to your computer's USB port using the supplied USB cable.
2. Launch Creative MediaSource Organiser by clicking the **Creative MediaSource Player/Organiser** icon on your desktop.
3. If you are not already in Creative MediaSource Organiser, click the **Player/Organiser View** button.
4. Click the **Show/Hide Right Panel** button.
5. In the **Sources** window, select the disk drive where your file is located.
6. In the **Content** window, select the file you want to transfer. CTRL-click to select multiple files.
7. In the **Right Panel** window, click the **Source** bar and select your player's icon.
8. Click the **Left-to-Right Transfer** button, or transfer the selected files from the **Content** window to the **Right Panel** window using a drag-and-drop operation.
9. The **Now Transferring** dialog box appears, showing the current transfer status.
10. After the transfer is complete, make sure you stop your player before disconnecting it from your computer. See "Usage" on page C-2 for instructions on stopping your player.

Playing Songs

Playing a song

1. Press **MENU**.
2. Press **►/I** and **I◀** to browse to the **Music**  option.
3. Press **MENU** to select this option.
4. Browse to a song that you want to play and press **►/II**.

Playing an album

1. Press **MENU**.

2. Press ►►and ↺↖ to browse to the **Browser**  option.
3. Press **MENU** to select this option.
4. Browse to the **Folder (Root)**  option, and press **MENU** to browse for tracks organised according to folder names.
5. Browse to an album that you want to play and press ►/II

Playing a playlist

1. Press **MENU**.
2. Press ►►and ↺↖ to browse to the **Browser**  option.
3. Press **MENU** to select this option.
4. Browse to the **Playlist**  option, and press **MENU** to browse for tracks organised according to file names.
5. Browse to a playlist that you want to play and press ►/II

Playing recorded audio

1. Press **MENU**.
2. Press ►►and ↺↖ to browse to the **Browser**  option.
3. Press **MENU** to select this option.
4. Press ►►and ↺↖ to browse to the **Voice**  option.
5. Press **MENU** to select this option.
6. Browse to a recording that you want to play and press ►/II

Locking Your Player

Lock your player when you want to prevent buttons from being accidentally pressed, such as when your player is in your pocket or bag.

1. Press **MENU**.
2. Press ►►and ↺↖ to browse to the **Lock**  option.
3. Press **MENU** to select this option.
will appear at the top right corner of the LCD.

4. To unlock your player, press **MENU**, browse to the **Unlock**  option, and press **MENU**.

Deleting Songs

1. Press **MENU**.
2. Press **▶▶** and **◀◀** to browse to the **Delete**  option.
3. Browse to  and press **MENU** to permanently delete the current song.

For more song management functions, use Creative MediaSource Organiser. For more information about using Creative MediaSource, refer to its online Help.

Recording Audio



You may need to download firmware that lets you use your player with the Creative FM Wire Remote. Visit www.NOMADworld.com for more details.

You can only record audio when the Creative FM Wired Remote (available separately) is connected to your player.

1. Press **MENU**.
2. Press **▶▶** and **◀◀** to browse to the **Record**  option.
3. Press **MENU** to select this option.
4. Press **▶/II** to start recording, and press **▶/II** again to stop recording. The first recorded track is named 0001, the second recorded track is named 0002, the third recorded track is named 0003, and so on.

Formatting Your Player

If you need to format your player, backup the files in your player first. When you format your player, all songs and files will be deleted. By default, your player is already formatted.

1. Connect your player to your computer's USB port using the supplied USB cable.
2. Launch Windows Explorer on your computer. Your player is recognised as a Removable Disk in Windows Explorer.

3. Right-click the **Removable Disk** icon, click the **Format** option, and follow the instructions on the screen to format your player.

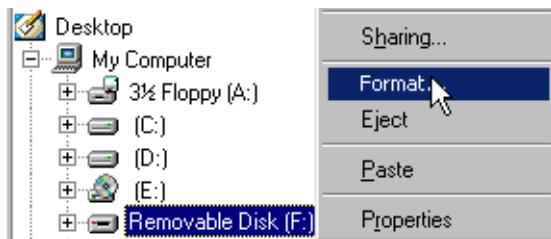


Figure 3-1

4. After the formatting is complete, make sure you stop your player before disconnecting it from your computer. See "Usage" on page C-2 for instructions on stopping your player.

For more information about using Windows Explorer, refer to its online Help.

Charging the Battery



The amount of playback time available depends on various factors, such as the type of headphones you are using. For more information, see "Usage" on page C-2.

You can charge your battery by connecting your player to a power outlet using the supplied power adapter, or by connecting your player to your computer's USB port using the supplied USB cable.

The LCD may display one of the following icons to indicate the power status of the battery:



Battery is 100% full.



Battery is 60% full.



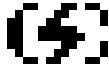
Battery is 30% full.



Battery is empty.



Your player is running from electrical power only.



Your player is running from electrical power and the battery is being charged.



Your player is running from electrical power and the battery is completely charged.

Creating and Managing Playlists

Creative MediaSource Organiser lets you to create and manage playlists in your player. Playlists are saved as M3U files. For example, a playlist that you name "Favorites" will be saved as "Favorites.m3u".

M3U files only list the names and order of music files, and do not actually contain any music files. As such, when you create a playlist in your player, Creative MediaSource Organiser will transfer the music files listed in the playlist to your player.

Creating a playlist

1. Connect your player to your computer's USB port using the supplied USB cable.
2. Launch Creative MediaSource Organiser by clicking the **Creative MediaSource Player/Organiser** icon on your desktop.
3. If you are not already in Creative MediaSource Organiser, click the **Player/Organiser View** button.
4. Click the **Show/Hide Right Panel** button.
5. In the **Sources** window, select your player's icon. The contents of your player are displayed in the **Content** window.
6. Click the **New Playlist** button, enter a name for the new playlist and click the **OK** button. A new empty playlist is displayed in the **Content** window.

7. In the **Right Panel** window, click the **Source** bar and select your player's icon if you want to add tracks that are in your player.
8. To add tracks that are located elsewhere, select the corresponding icon. For example, if you want to add tracks from PC Music Library, select the **PC Music Library** icon.
9. Select the track you want to transfer.
CTRL-click to select multiple tracks.
10. Click the **Right-to-Left Transfer** button, or drag-and-drop the selected tracks from the **Right Panel** window to the **Content** window.
11. If the tracks that you add to a playlist are not already in your player, they will be transferred to your player.

Adding tracks to a playlist

1. Connect your player to your computer's USB port using the supplied USB cable.
2. Launch Creative MediaSource Organiser by clicking the **Creative MediaSource Player/Organiser** icon on your desktop.
3. If you are not already in Creative MediaSource Organiser, click the **Player/Organiser View** button.
4. Click the **Show/Hide Right Panel** button.
5. In the **Sources** window, select the **PLAYLIST** folder listed under your player's icon. All existing playlists in your player are displayed in the **Content** window.
6. Double-click the playlist that you want to add tracks to.
7. In the **Right Panel** window, click the **Source** bar and select your player's icon if you want to add tracks that are in your player.
8. To add tracks that are located elsewhere, select the corresponding icon. For example, if you want to add tracks from PC Music Library, select the **PC Music Library** icon.
9. Select the track you want to transfer.
CTRL-click to select multiple tracks.

10. Click the **Right-to-Left Transfer** button, or drag-and-drop the selected tracks from the **Right Panel** window to the **Content** window.
11. If the tracks that you add to a playlist are not already in your player, they will be transferred to your player.

Deleting a playlist

1. Connect your player to your computer's USB port using the supplied USB cable.
2. Launch Creative MediaSource Organiser by clicking the **Creative MediaSource Player/Organiser** icon on your desktop.
3. If you are not already in Creative MediaSource Organiser, click the **Player/Organiser View** button.
4. In the **Sources** window, click the **PLAYLIST** folder listed under your player's icon.
5. All existing playlists in your player are displayed in the **Content** window.
6. Right-click the playlist that you want to delete and select the **Delete** option.
7. After the deleting is complete, make sure you stop your player before disconnecting it from your computer. See "Usage" on page C-2 for instructions on stopping your player.



4

Setting Preferences

Setting Preferences

Play mode

1. Press **MENU**.
2. Press **▶▶◀◀** to browse to the **Play mode**  option.
3. Press **MENU** to select this option.
4. Browse to one of the following options, and press **MENU** to select it:
 - **Repeat track** Repeats the current song. When you select this,  will appear at the top right corner of the LCD.
 - **Repeat all** Repeats all songs in your player. When you select this,  will appear at the top right corner of the LCD.
 - **Track once** Stops playing after the current song ends. When you select this,  will appear at the top right corner of the LCD.
 - **Shuffle repeat** Plays and repeats all songs, in random order. When you select this,  will appear at the top right corner of the LCD.
 - **Shuffle once** Plays all songs in random order, once only. When you select this,  will appear at the top right corner of the LCD.
 - **Normal** Resumes playing songs in sequence.

EQ

EQ is a collection of equaliser settings that can enhance the sound of your music. Select preset settings such as Rock or Jazz, or customise your own setting.

1. Press **MENU**.
2. Press **▶▶** and **◀◀** to browse to the **EQ**  option.
3. Press **MENU** to select this option.
4. Browse to one of the following options, and press **MENU** to select it:

- **Rock** 

When you select this, **ROCK** will appear at the top right corner of the LCD.

- **Pop** 

When you select this, **POP** will appear at the top right corner of the LCD.

- **Classical** 

When you select this, **CLASS** will appear at the top right corner of the LCD.

- **Jazz** 

When you select this, **JAZZ** will appear at the top right corner of the LCD.

- **Custom** 

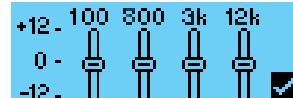
When you select this, **CUSTOM** will appear at the top right corner of the LCD.

- **Normal** 

Plays songs without EQ enhancements.

Defining Custom EQ

1. Browse to the **Custom**  option, and press **MENU** to select it.
2. Four vertical control levers will appear in the LCD, each lever controlling successively higher frequencies. **100** controls the bass, **800** adjusts the lower mid-range, **3k** adjusts the upper mid-range, and **12k** adjusts the treble.
3. Browse to a control level, and press **MENU** to select it.
4. Press **▶▶** and **◀◀** to adjust the levels.



5. Browse to  and press **MENU** to confirm the Custom EQ setting and select this EQ option.

Settings

1. Press **MENU**.
2. Press **▶▶** and **◀◀** to browse to the **Settings**  option.
3. Press **MENU** to select this option.
4. Browse to one of the following options, and press **MENU** to select it:
 - **Contrast**  Adjusts the contrast of the LCD.
 - **Backlight**  Adjusts backlight duration.
 - **Language**  Sets the default language displayed on the LCD.
 - **Idle shutdown**  Adjusts how long your player remains inactive before it automatically shuts down.
 - **Information**  Displays your player's firmware version, total memory space and available memory space.

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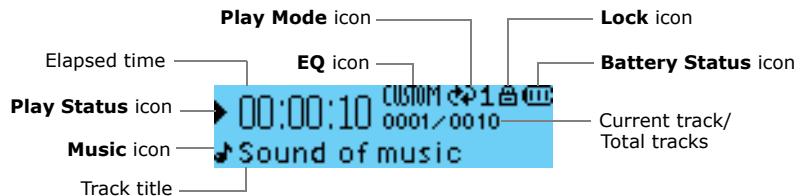


A LCD Guide

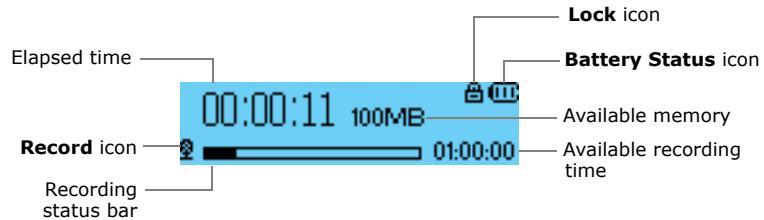
LCD Guide

Mode Overview

Music



Record



Play Status Icons

Play status icons appear at the left side of the LCD.



Information Diagrams

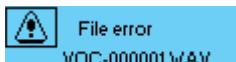
The following information diagrams may appear on the LCD.



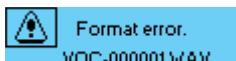
Player is connected to your computer. To use your player, disconnect it from your computer.



Files are being transferred to your player. DO NOT disconnect your player.



Corrupted recorded voice file. Check that your recorded voice file is not corrupted, or reformat your player.



Unsupported file format. Check that the file you are trying to play back is an MP3, WMA or recorded voice file.



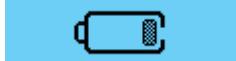
Unexpected power loss while saving settings. Download a newer firmware version, reload the firmware, or contact Technical Support for more assistance.



Hardware problems. Contact Technical Support for more assistance.



Low memory space. Delete some files to free up memory space in your player.



Low battery power. Charge the battery.



Battery flat. Charge the battery.

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B

About Music Files

About Music Files

Overview

You can download music files from Internet music sites, or “rip” music files from audio CDs to your computer. Music files that you transfer to your player must, however, be MP3 or WMA files if you want to play them back.

MP3 and WMA files are music files that have lossy compression encoding, which means that some data is lost during compression. However, using standard sampling rates and bitrates will ensure that your MP3 files retain much of their audio quality. The standard bitrate of most MP3 files is 128 Kbps, although some are set higher, at 160 or 192 Kbps. The standard bitrate for most WMA files is 64 Kbps. Higher bitrates will result in better audio quality, but file sizes will be larger as a consequence.

Downloading from the Internet

To get MP3 files from the Internet, use a search engine to locate sites with MP3 content. You can also try out these sites (web sites listed here are correct at the time of this document’s release):

- NOMADWorld (<http://www.NOMADworld.com>)
- AMP3.com (<http://www.amp3.com>)
- SoundClick.com (<http://www.soundclick.com>)
- ArtistOne.com (<http://www.artistone.com>)
- Epitonic.com (<http://www.epitonic.com>)
- Soundbuzz.com (<http://www.soundbuzz.com>)

Follow the instructions on the sites to download the music files to your computer.

“Ripping” audio CDs

The first phase of “ripping” is extracting audio data (usually WAV files) from an audio CD. Encoding is the second phase, where the audio data is converted into MP3 or WMA files. To “rip” audio CDs, you will need a CD-ROM/DVD-ROM drive that can extract digital audio data, and a program such as Creative MediaSource Organiser that can extract and encode this data. With Creative MediaSource Organiser, you can “rip” most audio CDs, as well as organise and transfer these “ripped” files.

The time needed for a successful audio extraction depends on:

- CD-ROM/DVD-ROM drive speed
- defects, like scratches on the audio CD
- error-checking features on the CD-ROM/DVD-ROM drive

To rip an audio CD using Creative MediaSource Organiser

1. Insert an audio CD into your CD-ROM/DVD-ROM drive.
2. Launch Creative MediaSource Organiser by clicking the **Creative MediaSource Player/Organiser** icon on your desktop.
3. If you are not already in Creative MediaSource Organiser, click the **Player/Organiser View** button.
4. In the **Sources** window, select **[d:] Audio CD** (replace **d:** with your CD-ROM/DVD-ROM drive).
5. In the **Task** bar, click the **Rip Now** button.

For more information about using Creative MediaSource, refer to its online Help.



C

Frequently Asked Questions

Frequently Asked Questions

This section covers common problems you might encounter or questions you might have while using your player. If you have a technical problem with this product, you may wish to consult our self-help tool "Knowledgebase" for online troubleshooting and solutions. Go to www.creative.com and select your region.

Installation

What do I do when the installation does not start automatically after the Installation CD is inserted?

The AutoPlay feature in your Windows system may not be enabled.

To start the installation program through the My Computer shortcut menu

1. On your Windows desktop, double-click the **My Computer** icon.
2. Right-click the CD-ROM/DVD-ROM drive icon, and then click **AutoPlay**.
3. Follow the onscreen instructions.

To enable AutoPlay through Auto Insert Notification

1. Click **Start** -> **Settings** -> **Control Panel**.
2. Double-click the **System** icon. The **System Properties** dialog box appears.
3. Click the **Device Manager** tab and select your CD-ROM drive.
4. Click the **Properties** button.
5. Click the **Settings** tab, and then select **Auto Insert Notification**.
6. Click the **OK** button.

To start the installation program through Windows Explorer

1. In Windows Explorer, search and locate the **d:\ctrun** folder (replace **d:** with the drive letter of your CD-ROM/DVD-ROM drive).
2. Double-click the **ctrun.exe** file.

Usage

Why does the player skip certain tracks?

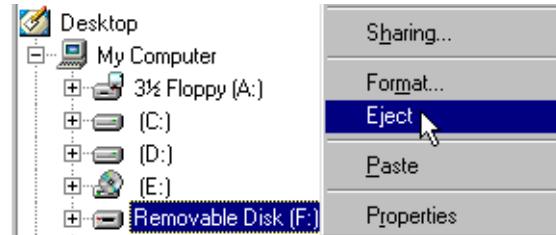
The player will only play valid media formats (MP3 and WMA files). Other types of media formats will be skipped.

Why are some files/tracks corrupted when transferred to the player?

Transfer may have been interrupted. Before disconnecting your player from your computer, stop your player first.

To stop your player in Windows 98 SE

- ▶ In Windows Explorer, right-click the **Removable Disk** icon, click the **Eject** option, and disconnect your player when you are prompted to do so.



To stop your player in Windows 2000, Windows Me or Windows XP

- ▶ Click the **Safely Remove Hardware** icon  on the Taskbar, click **Safely remove USB Mass Storage Device**, and disconnect your player when you are prompted to do so.



Why does the player turn off immediately after it is turned on?

The batteries may be too depleted to power your player. Try charging the battery.

**File transfers to the player are very slow (less than 100 KB/Sec).
What do I do?**

Try formatting your player. For more information, refer to "Formatting Your Player" on page 3-4.

Can I use the Creative NOMAD MuVo² as a portable data storage device?

Yes, you can. For more information, refer to "Transferring Files" on page 3-1.

Can I jog with the Creative NOMAD MuVo²?

Yes, but only if you are using the 512 MB Creative NOMAD MuVo² player. Other models have hard disk drives that may be damaged during vigorous activities like jogging.

I have to charge the battery quite often. Is there anything I can do to make it last longer?

- Set a shorter idle shutdown time.
- Set a lower contrast setting.
- Avoid skipping ahead and back within tracks unnecessarily.
- Avoid turning the player on and off unnecessarily.
- Avoid using passive speakers or high-powered headphones.
- Avoid playing back WMA files.

Should I leave my player plugged into the power adapter?

No, you should not. After charging the battery or using the player, disconnect it from the power adapter. Leaving it plugged in leads to heat buildup, which is not good for the player or the battery.

If I damage or lose my power adapter, can I buy a similar, off-the-shelf adapter?

No. The power adapter may not be compatible with your player, and may even damage it. You should get a replacement adapter from Creative at www.NOMADworld.com, or your local Creative office/distributor.



Updates

Where can I get official information on all NOMAD products?

Visit NOMADworld (www.NOMADworld.com) for updates and downloads relating to all NOMAD products, Creative's MP3 players and accessories.

CREATIVE



D

Maintenance and Safety Advice

Maintenance and Safety Advice

Player

- Store away from direct sunlight.
- Do not expose to heat or fire.
- Avoid using or storing in surroundings that exceed 45°C (113°F).
- Keep away from excessive moisture.
- Do not subject to excessive force or impact.
- Do not modify or disassemble.
- Only clean the product with a soft dry cloth. Do not use liquid cleaners.
- Only qualified personnel should repair or service the product.
- Do not use the 1.5 GB Creative NOMAD MuVo² player during vigorous activities like jogging.
- Remember to set the volume at a moderate level. Listening to music at high volumes can impair your hearing.
- Do not use headphones while driving or cycling.

Battery

- Store away from direct sunlight.
- Do not expose to heat or fire.
- Avoid using or storing in surroundings that exceed 45°C (113°F).
- Keep away from excessive moisture.
- Do not subject to excessive force or impact.
- Do not modify or disassemble.
- Avoid contact with metal objects.
- Do not pierce or crush.
- If there is leakage, stench, discolouration or deformation during charging or use, remove the battery and do not use it again. Clean your hands well before handling food or touching sensitive areas of your body, for example, your eyes.

CREATIVE



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Specifications

Specifications

Size (WxHxD)	66.5 mm (2.6") x 67.0 mm (2.6") x 20.0 mm (0.8")
Weight	512 MB Creative NOMAD MuVo ² player: 65.2 g (2.3 oz) without battery; 87.9 g (3.1 oz) with battery 1.5 GB Creative NOMAD MuVo ² player: 70.9 g (2.5 oz) without battery; 90.7 g (3.2 oz) with battery
LCD	132 x 32 pixel backlit display
Storage Capacity	512 MB (flash memory) or 1.5 GB (HDD)
Battery Life	Up to 10 hours of continuous playtime
Playback Formats	MPEG Audio Layer 3 (MP3) and Windows Media Audio (WMA)
Signal-to-Noise Ratio	Up to 98 dB
Harmonic Distortion Output	<0.05%
Frequency Response	20 Hz ~ 20 kHz
Headphones Output	30 mW
USB Connectivity	USB 1.1 and USB 2.0 compatible